### WHERE TO BUY IT . . .

### WHOLESALE RADIO

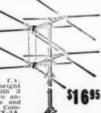
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### BEST FOR THE FRINGE AREAS

SNYDER LAZY XX T.V. ANTENNA

Just unfold, tighten and erect

Extremely hi-gain. Perfect for fringe areas.
Easily stacked double All F.v.
conical lazy XX type. All F.v.
11 ft. exceted. Complete with 3 mating mast sections, guy wire anchors, standoff pole insulators and
adjustable mounting base. Compietely pre-ansembled. Model TX-2A.





#### BELL HI-Fidelity Model 2122 RADIO PHONO AMPLIFIER

Frequency response: ±
db. 30 to 15,000 cycles
with controls set for flat replekups. Built-in pre-amplifier for each marinput. Bass and treble boost with attenuaoutput 10 watts. Power 117 volts; 60 cycles.
deep; 6" high; 11½" long.

Hi-Fidelity Sound Accessories FII-FIGERTY SOUND Accessories
GE 1201 Deluxe 12" P.M. SPEAKER. \$ 17.70
MEISSNER FM TUNER. Model 8C... 38.33
NEW GE TRIPLE PLAY CARTRIDGE
Plays all 3 speeds 33½—45—78 rpm.
Dual stylus, plays all speeds at constant pressure. Model RPX-050.... 8.37 RADIO CRAFTSMAN AM-FM TUNER 110.00 (RC-8) RADIO CRAFTSMAN AMPLIFIER 39.00

#### MIDGET 300 OHM LINE ANTENNA RELAY

ble Pole, Double Throw



300 ohm transmit-receive relay. Up to 500 watts R.F. on reasonably flat lines (measured on in-put). Silicone glass in-

Advance Relays K1504 R.F. 115 V. A.C. K1604 R.F. 6 V. D.C.



deal for P.A. Installations
4 TUBE, MINIATURE
AM TUNER

M superhet miniature tuner, tube hi-gain circuit; auto-atic volume control; per-cability tuned IF 455 KC; i output 10 V. RMS average; ap output adjustable; shield-tput cable. Self contained power supply. Complete, wired tested, air aligned. Size 4"x5"x4"



#### Lowest Pricesl Highest Quality HIGH VOLTAGE T.V. CONDENSERS

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### New Low Price! Model S-38A HALLICRAFTERS RECEIVER



wous AM reception, 540 Kc. to 32 Mc. \$39.95 Four tubes \$39.95

WRITE FOR FREE "FYI" BULLETIN ress all orders to Dept. Q or call Mulberry 2134

OLESAL RADIO PARTS CO., Inc. 311 W. Baltimore 5t. BALTIMORE 1, MD.

### RADIO&TELEVISION NEWS-1949

INDEX TO VOLUMES 41-42

#### AMATEUR

ANTENNAS
A Local/DX Antenna for the 7 mc.
Band (Smith, W6BCX)
ris. W9KNK) 70 Oct.
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Tune Your Antenna With a String
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(Turner, K6AI)
The Beginning Amateur (Part 2)
(Hertzberg, W2DJJ) 42 Mar.
CONVERTERS
A Compact 10-Meter Converter (Bain) 45 Feb.
A 220 mc. Converter from the Sur-
plus R-1/ARR-1 (May, Jr., W5AJG) 46 Jan. MISCELLANEOUS
A C. W. Filter (Countryman, W1RBK,
W3HH) 42 Nov.
FM Data for Surplus Tubes 74 May
Navy Men Open New "Ham" Sta-
tion at Pearl Harbor146 May
Screen Modulated Final (Kline,
W6CXM)
Summary Of The New Proposed Amateur Rules and Regulations
Of The FCC
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The AARS Now Reinstated as MARS 96 Feb.
The Beginning Amateur (Part 1)
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The Beginning Amateur (Part 2) (Hertzberg, W2DJJ)
The Beginning Amateur (Part 3)
(Hertzberg, W2DJJ) 47 Apr.
The Beginning Amateur (Part 4)
(Hertzberg, W2DJJ) 44 May
The Beginning Amateur (Part 5)
(Hertzberg, W2DJJ)
Hertzberg, W2DJJ) 50 July
The Beginning Amateur (Part 7)
(Hertzberg, W2DJJ) 45 Aug.
The Beginning Amateur (Part 8)
(Hertzberg, W2DJJ)
(Hertzberg, W2DJJ) 42 Oct.
The Beginning Amateur (Part 10)
(Hertzberg, W2DJJ) 66 Nov.
The Beginning Amateur (Part 11) (Hertzberg, W2DJJ)
(Hertzberg, W2DJJ)
gram 58 Aug.
Unity Returns to Ham Radio (Frank,
W9JU) 54 Dec.
W3KPX High-Gain Preamplifier for
10 Meters (Hooton, W3KPX) 49 Jan. RECEIVERS
A Briefcase Ham Portable (Cam-
paine, W3KWP & Judkins, W3AC) 54 May
A Low-Cost Ham Receiver (Noell,
W5OPW) 54 Oct.
A Modern DX Receiver (Carter,
VE3QD)
der, W3NVL) 41 July
A One Tube, 2-Meter Superhet
(Schultz, W2MUU) 64 Feb.
Build Your Own Communications Re-
ceiver (Part 6) (Goode) 66 Jan. Build Your Own Communications Re-
ceiver (Part 7) (Goode) 50 Feb.
Miniature 4 Tube Transceiver 33 June
The Beginning Amateur (Part 3)
(Hertzberg, W2DJJ) 47 Apr.
The Beginning Amateur (Part 7)

#### TEST EQUIPMENT An Automatic Test Keyer (Whitaker,

W2BFB)	70	Dec
A Novel Plate-Dip Oscillator (Schultz.		
W2MUU)	42	May
A Dual-Purpose Frequency Meter—		
V.F.O. (Countryman, W3HH, WIRVK)		
WIRVK)	56	May
The Double Checker (Rogers,	00	
WIDFS)	02	Nov.
Versatile R. F. Meter for Ham Stations (Lewis, W8MQU)	25	
TRANSMITTERS	30	Apr.
A Bandswitching V.F.OExciter Unit		
(Drenner, WØLQS)	37	Sant
A Briefcase Ham Portable (Car	n-	bept.
paine, W3KWP & Judkins, W3AC)	54	May
Adding Phone To "Your First Trans-		and I
mitter" (Parmenter, W1]XF)	42	Dec.
A Dual-Purpose Frequency Meter-		
V.F.O. (Countryman, W3HH,		
W1RVK)	56	May
W1RVK)		
(Lewis, W8MQU)	34	June
A Low-Power Rig for C.W. or FM		
Phone (Woolley, WØSGG)	48	Aug.
A Miniature Phone-C.W. Transmitter for Portable or Mobile Use (Bum-		
baugh, W6HI)	61	June
A Modern Mobile Transceiver (Hy-	01	June
der, W3NVL)	41	July
An All-Band Mobile Transmitter (Cle-	71	Jury
mens, W9ERN)	50	Apr.
A Novel Break-In V.F.O. (Woolley,		
WØSGG)	46	Mar.
Apartment Size 400-Watt Transmitter		
(Smith, W9ZMD)	52	July
A Phone-C.W. Transmitter in Minia-		
ture (Zimmerman, W3KOY)	49	Mar.
A Super-Modulated, Low-Power		
Phone Transmitter (Turner, K6AI).	50	June
A 10-Meter Mobile Transmitter	20	1
(Turner, K6AI)	32	July
Transmitter (Tomer, W1PIM)	31	Aug.
Miniature 4 Tube Transceiver		June
Self Modulating The 829-B (Woolley,	00	June
WØSGG)	49	Sept.
The Beginning Amateur (Part 5)		oopi.
(Hertzberg, W2DJJ)	58	June
Your First Transmitter (Parmenter,		
WIJXF & Clark, WIKLS)	26	Aug.

### AM-FM

MISCELLANEOUS		
A Booster For Your FM Receiver		
(Sulzer, W3HFW)	40	May
Build Your Own 10.7 mc. Discriming-		
tor Transformer (Michalowicz)	59	May
RECEIVERS		
Home-Built High Fidelity AM Tuner		
(Frenkel, Jr., W9GUP)	64	Mar.
Regenerative Short-Wave Receiver		
in Miniature (Hawkins)	62	May
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(Boyer, W6UYH)	31	Aug.
SERVICE NOTES		
Circuit Isolation by means of Signal		
Tracing (Cataldo & Richard)	62	Apr.
Household Radio Interference Elimi-		
nation (Teegarden)	34	Sept.
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Mac's Radio Service Shop (Frye)... 58 Mar. Mac's Radio Service Shop (Frye)... 42 Apr. Mac's Radio Service Shop (Frye)... 52 May (Hertzberg, W2DJJ) ...... 45 Aug. Mac's Radio Service Shop (Frye)... 60 June

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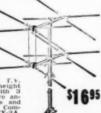
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W1RVK)		
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ture (Zimmerman, W3KOY)	49	Mar.
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in Miniature (Hawkins)	62	May
Wide Range Bandpass Crystal Tuner		
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SERVICE NOTES		
Circuit Isolation by means of Signal		
Tracing (Cataldo & Richard)	62	Apr.
Household Radio Interference Elimi-		
nation (Teegarden)	34	Sept.
How to Eliminate Auto Radio Static		
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Mac's Radio Service Shop (Frye)		
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Mac's Radio Service Shop (Frye)... 58 Mar. Mac's Radio Service Shop (Frye)... 42 Apr. Mac's Radio Service Shop (Frye)... 52 May (Hertzberg, W2DJJ) ...... 45 Aug. Mac's Radio Service Shop (Frye)... 60 June

Mac's Radio Service Shop (Frye)... 54 Feb.

Mac's Radio Service Shop (Frye) 4	0 July
Mac's Radio Service Shop (Frye) 3	
Mac's Radio Service Shop (Frye) 4	8 Sept.
Mac's Radio Service Shop (Frye) 4	8 Oct.
Mac's Radio Service Shop (Frye) 6	8 Nov.
Mac's Radio Service Shop (Frye) 5	3 Dec.
Reflex Amplifier Considerations in	
Receiver Design (Kasner) 46	Feb.
Servicing Intermittents (Field) 6	8 Oct.
Servicing Simplified (Richard &	
Cataldo 7	0 Jan.
TUDIO	
AUDIO	

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Servicing Intermittents (Field) Servicing Simplified (Richard &	68	Oct.
Cataldo	70	Jan.
AUDIO		
AMPLIFIERS		
A Direct-Coupled Amplifier with		
Cathode Follower (Bates)  A Feedback Amplifier for Pilotuners	62	Nov
and Phonographs (Carroll)	39	Feb.
A Modern Wide-Range Phono Am-	40	27
A 35-Watt Hi-Fidelity Amplifier	40	Nov.
A 35-Watt Hi-Fidelity Amplifier (Cleary)	36	Apr.
A Wide Range Equalizing Amplifier (Hyder)	52	Oct.
High-Quality Amplifier Design (Southworth)	02	OCI.
(Southworth)	39	Nov.
High-Quality Audio at Reasonable Cost (Urban)	58	Nov.
Latest in Triode High Fidelity Ampli-		
fiers (Keim)	42	Feb.
An Intercom for the Home (Fink-		
beiner, W8AQK)	49	Nov.
Fixed Bias for Audio Output Stages (Bookee)	20	Nov.
New Markets for Intercoms (Liber-	00	MOA.
man)	45	Dec.
Servicing Public Address Systems (Ledbetter)	70	Nov.
MISCELLANEOUS		1404.
Cathode Follower Matches Audio	4.4	5
Line (Wilde)  Dividing Networks (Renne)	64	Dec.
Synthetic Reverberation (Dundovic)		Jan.
Why Must We Have Bad Audio? (Keim)	41	T
PHONO	41	Jan.
An Inexpensive Low-Pass Filter for		
Record Reproduction (Zink) Equalizer for Phono Amplifiers (Hof)		Mar.
Equalizing Crystal Phonograph Pick-		reb.
ups (Boegli)	64	Nov.
(Ledbetter) Mean More Money	54	Jan.
(Ledbetter)	04	Juli.
(Gootée)	41	Mar.
RECORDING Adapting Home Recorders for Pro-		
fessional Use (Ledbetter)	47	Feb.
Home Recording Studio Putting Microgrooves on the Air	57	Nov.
(McClung & Flint, Jr.)	37	Aug.
SPEAKER CABINETS		
A Compact Low-Frequency Baffle (Fort)		June
A Horn-Type Transducer of Minimum Dimensions (Doby & Augs-	00	Julio
mum Dimensions (Doby & Augs-	F 4	**
purger, Jr.)  A Three-Dimensional Reproducer	54	Nov.
A Three-Dimensional Reproducer System (Wolfe)	44	June
Loudspeaker Enclosures (Goodell) TEST EQUIPMENT	35	Nov.
An Inexpensive Audio Frequency		
An Inexpensive Audio Frequency Generator (Whitaker, W2BFB)	40	Aug.
A Simple Distortion Analyzer (Wolfe) Audio Service and Development	44	Nov.
Techniques (Hoadley)	72	Oct.
Audio Test Instruments (Fidelman)	72	
TESTING Audio Transient Distortion (South-		
worth)		Apr.
Audic Transient Distortion (South-		
worth	46	June
(Davis)		Aug.

# Easy on the Ears...

### TELEX Monoset\*—Under Chin Headset

Stethoscope design of the Telex Monoset eliminates tiresome pressure—instrument swings lightly under the chin. Wear it for hours without fatigue!

### **TELEX** Earset\*—Slips onto the Ear

Weighing only ½ oz., Earset's flat plastic frame slips onto the ear, holds the sensitive receiver securely in place. User's other ear is always free for phone calls or conversation.



### TELEX Twinset\*—Nothing Need

Lightest twin-receiver headset made—weighs only 1.6 oz. Adjust to any head. Flexible, slips into pocket.

**TELEX** Pillow Speaker

permits private radio listening. Palm-sized, weight 1.1 oz., shockproof, sterilizable.

Write for Colorful FREE Specifications Folder Today!



DEPT, H-20-12, TELEX PARK MINNEAPOLIS, MINNESOTA

In Canada, Atlas Radio Corp., Toronto



# The BEST WAY to learn about TELEVISION is to learn by building your own!

. . . and while doing so choose a kit that will give you a fine set

### TECH-MASTER

**VOLTAGE DOUBLER** 630-TK Super 16

## 16 inch TV KIT

The circuit is the exact duplicate of the RCA 630 TS, the acknowledged finest for quality and performance. All major components are mounted, easily wired to completion over a weekend. More radio engineers and technicians build Tech-Master for their own use 



### TECH-MASTER KEYED A.G.C. KIT

Add Keyed Automatic Gain Control to your 630-type TV chassis and enjoy all the advantages of the greatest engineering improvement in TV. Keyed AGC operates directly from the sync pulse, consequently its operation is instantaneous and completely eliminates annoying airplane "flutter" and "breathing." It also provides exceptional noise immunity permitting your picture to lock in perfectly with minimum signal input. Your 630 TV chassis, the finest there is, deserves this new feature. Simple to install from complete instructions. No holes to drill. Includes a 6AU6 tube, mounting bracket and socket, special AGC coil, all resistors and condensers; ready to install in less than an hour.

Write Dept. RN-12 for complete information on Tech-Master Super 16 and AGC Kits

TECH-MASTER PRODUCTS CO. 443 BROADWAY NO. Y.

BOOK REVIEWS

(Davis) ..... 70 Aug.

GENERAL

A Business of My Own (Morgan)... 92 Sept.

### THE HOTTEST ITEM OF THE YEAR

#630 TV CHASSIS WITH VOLTAGE DOUBLER A READY TO PLAY 16" 31 TUBE RECEIVER



Mfd. by PHILMORE

ATTRACTIVE DEALER PRICES

WRITE · WIRE · PHONE

### 16" TELEVISION CONVERSION KIT TO MODERNIZE YOUR 10" RECEIVER LATEST VOLTAGE DOUBLER CIRCUIT

WIRED SUB-ASSEMBLY CHASSIS
SET OF MOUNTING BRACKETS
COIL, RESISTORS AND CONDENSERS
WIREWOUND 750 OHM POTENTIOMET
FLYBACK TRANSFORMER No. 211/T5
1 TUBE ; 183/801E

TUBE -183/8016
PLASTIC SLEEVE AND RING ALL FOR LUB

### PARTS FOR #630 IN COMPLETE SETS

MIDEO AND LE MIE/10:	7.84
VIDEO AND I.F. KIT (19 itoms)	
ELECTROLYTIC CONDENSER KIT (6 condensers)	6.97
PAPER CONDENSER KIT (38 condensers)	3.72
CERAMIC CONDENSER KIT (28 condensers)	2.86
MICA CONDENSER KIT (12 condensers)	1.90
CARBON RESISTOR KIT (108 resistors)	3.34
WIREWOUND RESISTOR KIT (4 resistors)	1.98
OCTAL WAFER SOCKET KIT (13 sockets)	.64
MINIATURE MOLDED SOCKET KIT (2 sockets)	.38
MINIATURE WAFER SOCKET KIT (10 sockets)	.66
CATHODE RAY TUBE SOCKET (1 socket)	.39
KNOB KIT, decal included (8 knobs)	.98
BRACKET AND SHIELD KIT (12 brackets)	8.63
VOLUME CONTROL KIT (10 controls)	6.19
	21.27
H.V. RECTIFIER SOCKET ASSEMBLY	.79

### REPLACEMENT PARTS & ACCESSORIES

PUNCHED CHASSIS PAN, makes any No. 630	
POWER TRANSFORMER, 295 ma	9.97
HORIZONTAL OUTPUT TRANS., 211/T3	3.44
HORIZONTAL OUTPUT TRANS., 211/T5	3.97
VERTICAL BLOCKING TRANSFORMER	1.32
HORIZONTAL DISCRIM, TRANSFORMER	1.66
VERTICAL OUTPUT TRANSFORMER	2.64
RCA FRONT END TUNER, complete w/tubes	26.67
STANDARD TURRET TUNER, complete w/tubes	27.19
ESCUTCHEON PLATE FOR ANY TUNER	.85
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ment (Lytel) ......137 Nov.

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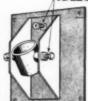
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There's Money in Custom Installa- tions (Part 1) (Goodell)
There's Money in Custom Installations (Part 2) (Goodell) 56 Feb.
COMMUNICATIONS, BROADCASTING
Broadcasting Station on Wheels 53 May
New 2-Way Radio Equipment for Metropolitan Police (Whitacre, Sr.
& Baird)
papers (Grossman) 62 Mar.
RCA "Ultrafax" System 96 Jan. INDUSTRY
Assignments of Booth Space in The 1949 Radio Parts And Electronic
Equipment Conference And Show 96 May Automatic Machine Packs Tubes into
Individual Cartons
Radio Parts And Electronic Equip-
ment Shows, Inc 79 May MISCELLANEOUS
Airline Radio (Hertzberg) 35 Mar. Build Your Own Geiger Counter
(Ford, W6YT)
Dry-Disc Rectifiers As Control Circuit Components (Ives)
Printed Circuits (Frye)
Rigid Test
Musical Instrument (Schultz, W2MUU)
Receivers (Pivan) 61 Nov.
A Stable High-Voltage R.F. Power
Supply (Garner, Jr.)
Supply (Turner, K6AI)
Alarm (Thorne)
Build This Sensitive Photometer (Southworth)
(Edelman) 50 May
A University Is Born
Publication (Erhardt, W2HNJ)122 May Training An Industry
RADAR, U.H.F. "Midar" (Freedman, W6YUQ) 30 Aug. The New Field of Microwave Spec-
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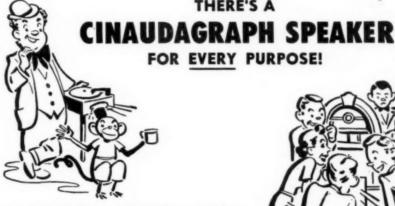
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lee) Evolution of a TV Antenna (Finne-	33	July				
burgh)	56	July				
Fringe Area Television Reception (Sanders)	4.4	Oct.				
High-Gain Directional Array for Mar-	44	Oct.				
ginal TV Reception (Greenlee)	28	Aug.				
Rhombic Antennas for Television (Smith)	61	0-4				
Self-Supporting Towers for TV An-	01	Oct.				
tenna Arrays (Greenlee)		Oct.				
Television Master Antennas (Kamen) Television's Largest Parabolic An-	31	Apr.				
tenna (Lubcke)	38	Mar.				
The Television Antenna (Greene)	36	June				
The Television Receiving Antenna (Part 1) (French)	53	Aug.				
The Television Receiving Antenna		Aug.				
(Part 2) (French)	67	Sept.				
MISCELLANEOUS						
Don Lee's New \$3,000,000 Studios	00	14				
(Carruthers)		May Dec.				
Elimination of Reflections on Video						
Lines (Meyer & Middleton) Eyestrain—A New Video Hazard	70	May				
(Stewart)	84	May				
Mass Head Antenna Switching (Grif-		1114				
fin) Need For Fast Acting A.G.C. Sys-	42	Sept.				
tem (Buchsbaum)	72	Dec.				
New Process to Relieve TV Bottle-						
neck Operation TV (Jackson)		Feb.				
Television and the Radio Technician	40	Feb.				
(Balcom)	76	Apr.				
Television's Impact (Laufman) The TV Freeze and Ultra-High Fre-	30	July				
quencies (Kay)	35	Oct.				
TV Predictions for '49 (DuMont)	40	Mar.				
TV Promotion (Laufman & Hopwood) WTMJ's Mobile Television Unit	44	Jan.				
(Hubel)	53	June				
BOOSTERS						
A Simple Preamplifier for Boosting		_				
TV Signal Strength (Blundin) Mac's Radio Service Shop (Part 15)	57	Jan.				
(Frye)	60	June				
RECEIVERS						
A Simple Television Tuner (Goode).	48	June				
Can 2,710,000 Television Sets Be Sold in '49?	66	Tuno				
Directory of Television Received	91	June				
Manufacturers	46	May				
New Focusing Arrangement Improves TV Kits (Mullin)	54	Mar				
New TV Screen Offers Greater Con-						
trast (Sanabria)	37	July				
Projection TV for Large Audiences (Franceour)	52	Apr.				
Television Projection Systems (Kay)	47					
Television Set Shipments by Areas.	22	May				
SERVICE NOTES (THEORY)						
A Common Cause of Erratic Picture Tube Operation (Donaldson)	86	Ian				
Disturbance Tests-A Short-Cut in	00	Just				
TV Servicing (Glickstein)	46	July				
Hints on Using Sweep Generators for TV Receiver Alignment (Cor-						
nell)	66	Dec.				
Modern Television Receivers (Part	60	Town				
10) (Kiver)	OU	Jan.				
11) (Kiver)	66	Feb.				
Modern Television Receivers (Part	66	Mar				
12) (Kiver)	90	Mar.				
13) (Kiver)	43	Apr.				
Modern Television Receivers (Part	64	May				
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(Greenlee)	-Built Stroboscope	52	Aug.
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An Electroni (Flaherty)  A 19-28 mc. Signal I.F. Alignment An Inexpensive Generator (White A Novel Plan (Schultz, W2MU) A Pocket Signal Ta A Precision FM (Carpenter & Sh A Signal Tracer (Ward)  A Simple Distortion A Special Wide-Be fier (Kaufman)  A TV Antenna Loc tion Indicator (M Audio Test Instrum Build This Compa (Turner, K6AI) Converted Home I Signal Tracer Recording Stationa (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	man, W3HH, W1-		
(Flaherty)  A 19-28 mc. Signal  I.F. Alignment  An Inexpensive  Generator (White  A Novel Plan  (Schultz, W2MU)  A Pocket Signal The  A Precision FM Schultz, W2MU  A Pocket Signal The  (Carpenter & Sh  A Signal Tracer (Ward)  A Simple Distortion  A Special Wide-Befier (Kaufman)  A TV Antenna Loction Indicator (Maudio Test Instrum  Build This Compa  (Turner, K6AI)  Converted Home Isignal Tracer (Recording Stational  (Hesse)  Save Testing Time  Box" Unit (Leep  The Tubeless Gridpenter)  Versatile R.F. Mete  (Lewes, W8MQU  Wide Range An  Sensitivity of  (Turner, K6AI)  Your Shop Tube	c Volt-Ohmmeter	. 56	May
I.F. Alignment An Inexpensive Generator (White A Novel Plat (Schultz, W2MU) A Pocket Signal Ta A Precision FM (Carpenter & Sh A Signal Tracer (Ward) A Simple Distortion A Special Wide-Be fier (Kaufman) A TV Antenna Loc tion Indicator (M Audio Test Instrum Build This Absorp Marker (Dexter) Build This Compa (Turner, K6AI) Converted Home I Signal Tracer Recording Stations (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube		59	Mar.
Generator (White A Novel Plan (Schultz, W2MU) A Pocket Signal Tr A Precision FM (Carpenter & Sh A Signal Tracer (Ward) A Simple Distortion A Special Wide-Be fier (Kaufman) A TV Antenna Loc tion Indicator (M Audio Test Instrum Build This Absorp Marker (Dexter) Build This Compa (Turner, K6AI) Converted Home I Signal Tracer Recording Stations (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	(Donaldson)	52	Feb.
A Novel Plan (Schultz, W2MU) A Pocket Signal TA Precision FM (Carpenter & Sh A Signal Tracer (Ward) A Simple Distortion A Special Wide-Bo fier (Kaufman) A TV Antenna Loc tion Indicator (M Audio Test Instrum Build This Absorp Marker (Dexter) Build This Compa (Turner, K6AI) Converted Home I Signal Tracer Recording Stationa (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	Audio Frequency	4n	Aug.
A Pocket Signal Ti A Precision FM (Carpenter & Sh A Signal Tracer (Ward) A Simple Distortion A Special Wide-Be fier (Kaufman) A TV Antenna Loc tion Indicator (M Audio Test Instrum Build This Absorp Marker (Dexter) Build This Compa (Turner, K6AI) Converted Home I Signal Tracer Recording Stations (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	te-Dip Oscillator		
A Precision FM (Carpenter & Sh A Signal Tracer (Ward)	racer (Barber)		May Sept.
A Signal Tracer (Ward) A Simple Distortion A Special Wide-Be fier (Kaufman) A TV Antenna Loc tion Indicator (Maudio Test Instrum Build This Absorp Marker (Dexter) Build This Compan (Turner, K6AI) Converted Home I Signal Tracer (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Gridpenter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	Sweep Generator		
(Ward)  A Simple Distortion A Special Wide-Be fier (Kaufman) A TV Antenna Loc tion Indicator (M Audio Test Instrum Build This Absorp Marker (Dexter) Build This Compa (Turner, K6AI) Converted Home I Signal Tracer Recording Stations (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	at Minimum Cost	54	lan.
A Special Wide-Befier (Kaufman).  A TV Antenna Loction Indicator (M Audio Test Instrum Build This Absorp Marker (Dexter) Build This Compa (Turner, K6AI). Converted Home I Signal Tracer (Recording Station (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Gridpenter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube			Oct. Nov.
A TV Antenna Loction Indicator (M Audio Test Instrum Build This Absorp Marker (Dexter) Build This Compa (Turner, K6AI). Converted Home I Signal Tracer (Recording Stations (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Gridpenter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	and Scope Ampli-	44	1404.
tion Indicator (M Audio Test Instrum Build This Absorp Marker (Dexter) Build This Compa (Turner, K6AI) Converted Home I Signal Tracer Recording Station (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	ration and Orienta	74	Oct.
Audio Test Instrum Build This Absorp Marker (Dexter) Build This Compa (Turner, K6AI). Converted Home I Signal Tracer (Recording Stations (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	(arco)	68	May
Marker (Dexter) Build This Compa (Turner, K6AI). Converted Home I Signal Tracer Recording Stationa (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	nents (Fidelman)		Nov
(Turner, K6AI). Converted Home I Signal Tracer Recording Stations (Hesse) Save Testing Time Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube		54	June
Converted Home I Signal Tracer Recording Station (Hesse)	ect Signal Injector	40	Apr
Recording Stations (Hesse)	Receiver Ideal for		
(Hesse)	(Fristik) ary CRT Patterns	60	Feb.
Box" Unit (Leep The Tubeless Grid- penter) Versatile R.F. Mete (Lewes, W8MQU Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube		62	Dec
The Tubeless Grid- penter)  Versatile R.F. Mete (Lewes, W8MQI Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	per)		July
Versatile R.F. Mete (Lewes, W8MQI Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	-Dip Adapter (Car-	60	May
Wide Range An Sensitivity of (Turner, K6AI) Your Shop Tube	er for Ham Stations		
Sensitivity of (Turner, K6AI) Your Shop Tube	mplifier Increases		Apr
Your Shop Tube	V.T. Voltmeter		
D 11 1 D 11 (7)	Tester Will Helm	78	Mar
Build Prestige (V	/endeland)	56	Apr

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